Md Sawood Alam

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EDUCATION

VIT Bhopal University, Bhopal, Madhya Pradesh Aug 2021 – Jun 2025
Bachelor of Engineering in Computer Science and Engineering *GPA: 8.13*
(Specialization in Cloud Computing and Automation)

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript, TypeScript
Web Development: HTML, CSS, Tailwind CSS, React.js, Next.js, Node.js
Databases: MySQL, MongoDB, PostgreSQL, Firebase, Supabase
Cloud & DevOps: AWS (EC2, S3), Docker, CI/CD, GitHub Actions, Vercel
Tools & Platforms: Git, GitHub, VS Code, Android Studio, Postman, Jira
Concepts: OOP, Data Structures & Algorithms, System Design, RESTful APIs, Agile, SDLC

PROJECTS

Certify — Next.js, TypeScript, Tailwind CSS, API Routes, Radix UI *Feb 2025*

- Built a certificate automation platform that processed over 1,000 certificates per event using **HTML2Canvas** and **jsPDF**.
- Designed an admin dashboard with RBAC and real-time analytics; reduced manual overhead by 80%.
- Improved accessibility and responsiveness, cutting user completion time by 30%.
- Set up **CI/CD pipelines** via GitHub Actions; reduced deployment time by 50%.

Trimrrrr — React.js, Tailwind CSS, Supabase, Shadcn-UI, Vercel *Aug 2024*

- Launched a URL shortener platform that handled 3K+ links and tracked 5K+ clicks across regions.
- Integrated **Supabase** for authentication, analytics, and storage, achieving 99.9% uptime.
- Achieved 40% faster load time using Vercel optimizations, improving SEO and user retention.
- Used Agile and Git-based collaboration to deliver 10+ features across 4 development sprints.

EXPERIENCE

Ethnus MERN Program Aug 2023 – Nov 2023
Software Development Intern *Remote*

- Led development of 3 full-stack MERN apps; improved code reusability and decreased development time by 25%.
- Built scalable features using **React.js** and **Node.js + Express.js** with REST APIs.
- Improved frontend performance by 20% through deep profiling and optimization.
- Collaborated with a 5-member team in Agile sprints; met 100% of deadlines using Jira.

CERTIFICATIONS

AWS Certified Cloud Practitioner: Amazon Web Services, Jan 2024
Associate Cloud Engineer: Google Cloud, Jan 2024

ADDITIONAL INFORMATION

Competitive Programming: Solved 300+ problems in C++ on LeetCode and GeeksforGeeks.
Health-O-Tech Innovation Rally: Runner-Up among 50+ teams for building a smart healthcare tracker.
Goldman Sachs Engineering Virtual Program: Detected 4+ vulnerabilities and proposed cryptographic solutions.
Flipkart GRID 5.0: Advanced to Level 1.1 (top 5%) in tech quiz among 10,000+ students.